



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040678	ACI001-VC	1	1	Net 30	M7075T6S.160	7075-T6 Sheet .160 : MATERIAL: 7075-T6T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive sf				96	8/10/2018	96		S102605	Stock	8/10/2018	\$ 24.43 / sf	5		\$2,345.18	Acier Ouellette Inc.
										Total:		96								\$1,790.70	

Plex 8/15/2018 4:08 PM dart.Tollis.Andrew



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy

CO00102962

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
Ontario,
Att: CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Customer N° CLI0001056
Date 2018/08/03
Delivery date 2018/08/09
Your order N° po040678
Processed by Denis Quenneville
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 ROUND ALU 1 1/8 6061-T6 * RAL-118 1 X 12' HEAT 2000238076	14.00	12.00	PI \$CLB		11.3					
2 ALU SHEET .160 7075-T6 NS FEAL-1607075 2 sheet 48" x 144" ac18557-sa-2018/08/08 HEAT 14330885 AT	214.18	96.00	PI2 \$CLB		2X4' X 12'					

Total Weight (Lbs): 228.18

NIR : R-109516-6

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Date



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040678

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040678
PO Date: 8/3/18
Due Date: 8/9/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
AUG 03 2018

cmf

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M7075T6S.160		7075-T6 Sheet .160 : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive sf	Firmed	-	8/9/18	96 sf <i>96sf</i>	0 sf	96 sf	\$24.429/sf	\$2,345.18 <i>At 18/08/15</i>
2		M6061T6R1.125		6061 Round Bar 1.125 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	8/9/18	20 ft <i>20ft</i>	0 ft	20 ft <i>12ft</i>	\$4.504/ft	\$90.08
Grand Total:											\$2,435.26	

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

[Signature]

CO 102962

Dart

P.O. 18537

SHIP TO:						KAISER ALUMINUM Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586 CERTIFIED TEST REPORT Serial Number 4469444 * AMENDMENT (07-Jul-2017, replaces 4386299)					
SOLD TO:											
CUSTOMER PO NUMBER: C70665-5		WORK PACKAGE:		CUSTOMER PART NUMBER:		SHIP RUN/LOAD: 103289/16		GOV'T CONTRACT NUMBER:			
KAISER ORDER NO: 1198119-5		SHIP DATE: 10-AUG-2015		ALLOY: 7075		CLAD: ALCLAD		TEMPER: T6		PRODUCT DESCRIPTION: MRS Quality	
WEIGHT SHIPPED: 3939 LB		QUANTITY: 35 PCS EST.		TRUCK B/L #: 2055406		GAUGE: 0.1600 IN (4.0640 MM)		DIAMETER/WIDTH: 48.000 IN (1219.2 MM)		LENGTH: 144.000 IN (3657.6 MM)	

MHU 1919685: LOT 143308B5: 27 pieces LOT 778352A5: 8 pieces;

Certified Specifications

AMS 4049/RevM
CMMP 025/RevVASTM B 209/Rev14
DMS 2174/RevB

BATS 2505/RevNC

Test Code: 4013

Lot: 143308B5

Cast 845

Drop 27

Test Results

Ingot 1

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	80.3 : 81.0 (554 : 558)	69.9 : 70.2 (482 : 484)	13.1 : 13.2

MRS Deflection : 0.129 IN

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.16	1.5	0.05	2.4	0.20	5.6	0.03	0.01	0.01	TOT 0.05
Lot: 778352A5	Cast 845		Drop 27		Ingot 1		Parent Lot: 143308B5			Melted in USA	

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	80.0 : 80.6 (552 : 556)	70.0 : 70.2 (483 : 484)	12.3 : 13.0

MRS Deflection : 0.018 IN

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.16	1.5	0.05	2.4	0.20	5.6	0.03	0.01	0.01	TOT 0.05



Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4469444

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15
Liner Alloy: 7072												
MIN(wt%)	0.0	0.0	0.00	0.00	0.00	0.00	0.8	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.3	0.4	0.10	0.10	0.10	0.05	1.3	0.05	0.05	0.05	TOT	0.15

Aluminum Remainder

TEST NOTES

MATERIAL MEETS MINIMUM RESIDUAL STRESS (MRS) / CHEMICAL
MILLING QUALITY (CMQ) REQUIREMENTS.

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.

All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.

* was melted in the United States of America or a qualifying country per DFARS 226.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.

* has been thermally processed in compliance with AMS 2772, where applicable.

* is mercury free, within the limits of detection of ASTM E1215 (<1ppm).

* is in compliance with RoHS 2, European Union Directive 2011/65/EU.

* is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.

* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

* is free of weld repair.

* meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075T6S.160

PO / BATCH NO.: P00406785n2605

DATE: 18/08/15

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 0.160"

QUANTITY RECEIVED: 96sf

THICKNESS RECEIVED: 0.160"

QUANTITY INSPECTED: 96sf

SHEET SIZE ORDERED: 4'x12'

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 4'x12'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	ASTM B209
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	MT: 14330885
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>At</u>	SIGNED OFF BY: _____
DATE: <u>18/08/15</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T661 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12

OR AMS 4046
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T661 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13

OR AMS 4046 / 4049
OR ASTM B209

△ PART NUMBER:

M7075T6S | TTT | X | W | WWW |
| THK | | WIDTH |

△ WHERE "TTT" = THICKNESS (IN INCHES)
AND "W, WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19
ECN 17-574

APPROVED

REV.	DESCRIPTION	CP	RF	DATE
A	ADD REF TO "PLATE" T661 TEMPER, AMS 4046, OPTIONAL WIDTH DIM (CARB-149)			17.05.05
B	NEW ISSUE			
DESIGN	RF			
DRAWN	CP			
CHECKED	ML			
MFG. APPR.	LL			
APPROVED	WM			
DE APPR.	D9-1			
DATE	17.05.05			

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. M7075T6S

TITLE 7075-T6 SHEET/PLATE SPEC

REV. B

SHEET 1 OF 1

SCALE NTS

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